INTERNATIONAL SEARCH REPORT

International application No PCT/US01/07155

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7)			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation scarched (classification system followed by classification symbols) US 604/500			
0.3 004/300			
Occumentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	US 3,993,080 A (LOSEFF) 23 November 1976, see entire patent. 1-		1-51
A	US 5,372,131 A (HEINEN, JR.) 13 December 1994, see entire 2-51 patent.		
Further documents are listed in the continuation of Box C See patent family annex.			
Special categories of cited documents			
"A" doc	cument defining the general state of the art which is not considered be of particular relevance	date and not in conflict with the applica principle or theory underlying the inve	
	dier document published on or after the international filing date	"X" document of particular selevance, the considered novel or cannot be consider	e claimed invention cannot be red to involve an inventive step
cité	cument which may throw doubts on priority claim(s) or which is ed to establish the publication date of another citation or other ecial reason (as specified)	when the document is taken alone "Y" document of particular relevance, the	e claimed invention cannot be
"O" document referring to an oral disclosure lise, exhibition of other incens "P" document published prior to the international filting date bill later than the priority date claimed		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
12 JUNE 2001		16 JUL 2001	
Name and mailing address of the ISA/US		Authorized officer	
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